

PRODUCT NAME : SODIUM HYDROSULFITE

DATE: 05-Oct-2006

CAS #: N/A

MSDS No. 201261 Revision No./Date 04 05-Oct-2006
 Detail Number 00672/02

FORMULA: Mixture
 HEM. FAMILY: inorganic salts
 CHEMICAL NAME AND SYNONYMS:
 Salt Rust Raze;
 Morton Rust Raze Cleaner;
 Sodium Hydrosulfite Clearfas HTC, LSC;
 MSDS 001261 DETAIL 00672

SUPPLIERS NAME : Harcros Chemicals Inc.
 5200 Speaker Road
 Kansas City KS 66106-1095

SUPPLIERS PHONE NUMBER : 913-321-3131
 TRANSPORTATION EMERGENCY PHONE NUMBER : 1-800-424-9300

S.A.R.A. INFORMATION

HAZARDS : Acute
 PHYSICAL DATA : Mixture Solid

SECTION I HAZARDOUS INGREDIENTS

Ingredient Cas Number	MAX % W/W	EPCRA APPLIES		AIR CONTAMINENT LEVELS			
		312	313	TWA/TLV (ppm)	STEL (ppm)	CEIL (ppm)	SKIN AGENT
Sodium Hydrosulfite (CAS # 7775-14-6)	UNK	Y	N				
Sodium Metabisulfite Sodium Pyrosulfite (CAS # 7681-57-4)	UNK	Y	N	0.6 0.6			N N OSHA ACGIH
Sodium Sulfite (CAS # 7757-83-7)	UNK	Y	N	As Sulfur Dioxide TWA/TLV 2 ppm STEL 5 ppm	OSHA/ACGIH OSHA/ACGIH		

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SECTION II HEALTH HAZARDS

POTENTIAL EFFECTS OF EXPOSURE

EYES

Eye contact with product may cause severe irritation

SKIN

Skin contact may cause irritation, rash or a burning feeling

INHALATION

Inhalation may cause irritation If used improperly under acidic conditions, can release sulfur dioxide gas, which is toxic and can even cause death in extreme cases, for example, if the gas is released in a poorly ventilated area.

INGESTION

Ingestion may cause irritation, abdominal pain, nausea, vomiting, diarrhea, or even death

TARGET ORGANS

OVEREXPOSURE MAY CAUSE DAMAGE TO,
DISORDERS OF, OR ADVERSELY AFFECT THE FOLLOWING SYSTEMS, FUNCTIONS, ORGANS: none currently known

FIRST AID

FIRST AID EYES

Immediately flush eyes with plenty of water for at least 15 minutes, while holding eyelids apart to ensure flushing of entire surface. Call a physician.

FIRST AID SKIN

Immediately flush skin with plenty of water for at least 15 minutes, while removing contaminated clothing and shoes. Thoroughly clean clothing and shoes before reuse. Call a physician.

FIRST AID INHALATION

Remove to fresh air. If not breathing give artificial respiration, preferably mouth to mouth. If breathing is difficult give oxygen. Call a physician.

FIRST AID INGESTION

DO NOT induce vomiting. Rinse mouth with water. Dilute stomach contents by drinking water. If vomiting occurs spontaneously, keep head below hips to prevent breathing vomit into lungs. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. Call a physician immediately.

OTHER INFORMATION

ROUTES OF ENTRY

skin contact inhalation

OVEREXPOSURE MAY AGGRAVATE DISORDERS OF THE
none currently known

SECTION III SPECIAL PROTECTION

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SECTION III SPECIAL PROTECTION

(CONTINUED)

PROTECTIVE EQUIPMENT

PROTECTIVE EQUIPMENT EYES

chemical goggles Always wear eye protection when working with chemicals. Do Not wear contact lenses when working with chemicals.

PROTECTIVE EQUIPMENT SKIN

clean protective clothing impervious gloves

PROTECTIVE EQUIPMENT INHALATION

If exposure limits are exceeded, or if exposure may occur, use a NIOSH/MSHA respirator approved for your conditions of exposure. Refer to the most recent NIOSH publications concerning chemical hazards, or consult your safety equipment supplier. Respiratory protection programs must be in compliance with OSHA requirements in 29 CFR 1910.134. For emergencies, a NIOSH/MSHA approved positive pressure breathing apparatus should be readily available.

VENTILATION REQUIRED:

Adequate ventilation is required to minimize exposure or to maintain exposure levels below OSHA/ACGIH requirements.

ADDITIONAL PROTECTIVE MEASURES

Safety shower, eye wash fountain, and washing facilities should be readily available.

SECTION IV FIRE & EXPLOSION HAZARD DATA

Flash Point (METHOD): > OR = N/A

Flammable Limits (% Volume in Air) UPPER: N/D Lower: N/D

HMIS Health: 1

Flammability: 3

Reactivity: 4

EXTINGUISHING MEDIA

flood with water

FIRE FIGHTING PROCEDURES

Prevent human exposure to fire, fumes, smoke, and products of combustion. Evacuate non essential personnel. Firefighters should wear full face, self contained breathing apparatus and impervious protective clothing.

UNUSUAL FIRE & EXPLOSION HAZARDS

Dust can be an explosion hazard. Prevent buildup of dust on walls, floors, and equipment. Toxic fumes may be released.

SECTION V PHYSICAL DATA

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SECTION V PHYSICAL DATA

(CONTINUED)

Boiling Point: N/D
Freezing Point: N/D
Specific Gravity (H₂O=1): N/D
Vapor Pressure (MM HG.): N/D
Vapor Density (AIR=1) : N/D
Evaporation Rate (NA=1): N/D
Solubility in Water: Soluble
Percent Volatile by Volume: 0
pH: aqueous approx. N/D
Appearance:
SOLID

Odor :
NIL

SECTION VI REACTIVITY DATA

STABILITY

Stable when stored in container under proper conditions.

INCOMPATIBILITY

inorganic acids bleaching agents (oxidizers) Avoid contact with bleaching agents and oxidizers which include chlorine, oxygen, permanganates, perchlorates, percarbonates, peroxides, chromates, hypochlorites, nitric acid, and sulfuric acid.

HAZARDOUS DECOMPOSITION PRODUCTS

oxides of sulfur Miscellaneous organic compounds, some possibly toxic.

HAZARDOUS POLYMERIZATION

Will not occur

SECTION VII SPILL AND LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Evacuate non essential personnel, eliminate ignition sources, and wear protective equipment (See Section III). Shut off source of leak only if safe to do so. Contain spill. Recover free product. To clean up residue, flush sparingly with water or use an absorbent. Avoid runoff to ground water, surface waters, and sewers. It may be necessary to remove contaminated soil. If product is flammable or combustible, use non sparking tools. If acidity (low pH) is a problem, neutralize with hydrated lime, soda ash, or sodium bicarbonate. If alkalinity (high pH) is a

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SECTION VII SPILL AND LEAK PROCEDURES

(CONTINUED)

—
problem neutralize with dilute acetic acid or dilute hydrochloric (muriatic) acid. If required, notify state and local authorities.

DISPOSAL METHOD

Material that cannot be used or chemically reprocessed should be disposed of at an approved facility in accordance with any applicable regulations under the Resource Conservation and Recovery Act. Dispose of material in accordance with all Federal, State and local regulations. Local regulations may be more stringent than Federal or State.

SECTION VIII

Proper Shipping Name: SODIUM HYDROSULFITE

Hazard Class: 4.2, UN1384, PGII

Label Requirements: SPONTANEOUSLY COMBUSTIBLE

Reportable Quantity: None

SECTION IX ADDITIONAL INFORMATION

PRECAUTIONS

Wear protective equipment when handling. Use only with adequate ventilation. Wash thoroughly after handling. Do Not breathe dust. Do Not get in eyes, on skin, or clothing. Do not swallow.

HANDLING

Keep away from acids. For industrial use only. ATTENTION: This container hazardous when emptied. Since emptied container contains product residues (vapor or liquid), all labeled hazard precautions must be observed.

STORAGE

Keep container closed when not in use. Store in a cool dry place. Store away from oxidizers. Keep out of reach of children.

TSCA Status: Listed

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< = LESS THAN
> = MORE THAN

N/A = NOT APPLICABLE
N/D = NOT DETERMINED
N/E = NOT ESTABLISHED

DATE ISSUED: 930921
DATE REVISED: 061005
UNK = UNKNOWN

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